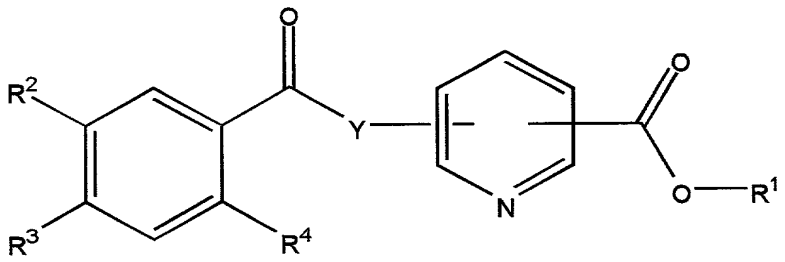
Claims

1. A method of administering a compound of Formula I:



Formula I

wherein

R^1 is hydrogen or C_{1-6}-alkyl;

R^2 is C_{1-6}-alkyl or adamantyl;

R^3 is C_{1-6}-alkyl or hydroxy; or

R^2 and R^3 taken together are $-(CR^6R^7)_n-$;

R^4 is C_{2-8}-alkyl, C_{2-8}-alkenyl, C_{2-8}-alkynyl, $-OCH_2R^5$ or C_{2-8}-alkanoyl, or hydrogen when R^3 is hydroxy;

R^5 is C_{1-6}-alkyl, C_{2-6}-alkenyl or C_{2-6}-alkynyl;

R^6 and R^7 are hydrogen or C_{1-6}-alkyl;

Y is oxygen or sulfur; and

n is 3, 4, or 5,

or a pharmaceutically acceptable salts of carboxylic acid of formula I,

wherein said method comprises the step of admixing said compound in solid form with a topical carrier to form a topical formulation within seven days prior to first topical administration of said formulation.

2. A method of claim 1, wherein said topical carrier substantially dissolves said compound.

3. A method of claim 1, wherein said topical carrier suspends said compound.

4. A method of claim 2, wherein said method comprises admixing a unit dose of said compound and said topical carrier comprises an alcohol.

5. A method of claim 4, wherein said alcohol is selected from the group consisting of ethanol, isopropyl alcohol or propylene glycol.

6. A method of claim 1, wherein said topical carrier further comprises a gelling agent.

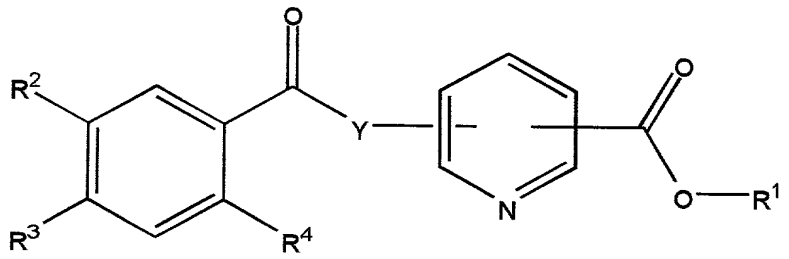
7. A method of claim 2, wherein said method comprises admixing multiple unit dosages of said compound and said topical carrier comprises a member selected from the group consisting of diisopropyl adipate, diisopropyl sebacate, diisocetyl adipate, triacetin, caprylic/capric triglyceride, and isopropyl myristate.

8. A method of claim 7, wherein said method further comprises refrigerating said formulation.

9. A method of claim 1, wherein said formulation comprises about 0.01% to about 0.1%, by weight, of said compound.

10. A method of claim 1, wherein said method further comprises admixing said formulation comprising said compound with a cream or a gel.

11. A kit comprising two chambers, wherein said first chamber comprises a compound in solid form and the second chamber comprises a topical carrier in an amount capable of dissolving or dispersing said compound where said compound is of Formula I



Formula I

wherein

R^1 is hydrogen or C_{1-6}-alkyl;

R^2 is C_{1-6}-alkyl or adamantyl;

R^3 is C_{1-6}-alkyl or hydroxy; or

R^2 and R^3 taken together are $-(CR^6R^7)_n-$;

R^4 is C_{2-8}-alkyl, C_{2-8}-alkenyl, C_{2-8}-alkynyl, $-OCH_2R^5$ or C_{2-8}-alkanoyl, or hydrogen when R^3 is hydroxy;

R^5 is C_{1-6}-alkyl, C_{2-6}-alkenyl or C_{2-6}-alkynyl;

R^6 and R^7 are hydrogen or C_{1-6}-alkyl;

Y is oxygen or sulfur; and

n is 3, 4, or 5,

or a pharmaceutically acceptable salts of carboxylic acid of formula I.

12. A kit of claim 11, wherein said topical carrier is in an amount capable of substantially dissolving said compound.

13. A kit of claim 11, wherein said topical carrier is in an amount capable of suspending said compound.

14. A kit of claim 12, wherein said second chamber comprises a unit dose of said compound and said topical carrier comprises an alcohol.

15. A kit of claim 14, wherein said alcohol is selected from the group consisting of ethanol, isopropyl alcohol or propylene glycol.

16. A kit of claim 1, wherein said first chamber further comprises a gelling agent.

17. A kit of claim 12, wherein said first chamber comprises multiple unit dosages of said compound and said solvent is selected from the group consisting of diisopropyl adipate, diisopropyl sebacate, diisocetyl adipate, triacetin, caprylic/capric triglyceride, and isopropyl myristate.

18. A kit of claim 17, wherein said kit further comprises a label instructing the user to refrigerate said formulation.

19. A kit of claim 1, wherein said compound is in an amount of about 0.01% to about 0.1%, by weight, of the combined weight of the compound and the topical carrier.

20. A kit of claim 12, wherein said kit further comprises a third chamber comprising a cream or a gel.